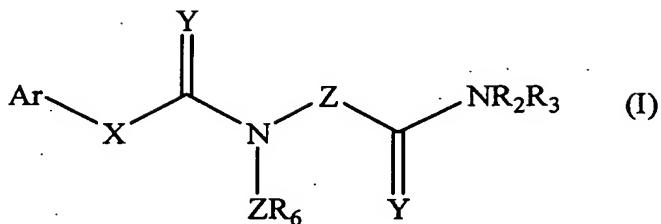


CLAIMS

1. A compound having the formula (I):

5



wherein

- X is selected from the radicals $-\text{NR}_1-$ and $-\text{CHR}_1-$;
- Y is independently selected from O and S;
- 10 Z is independently selected from a C₁₋₇ straight or C₄₋₈ branched alkylene chain, a C₂₋₇ alkenylene chain and a part of a C₃₋₈ cycloalkyl or C₅₋₈ cykloalkenyl ring structure;
- 15 Ar is an aryl group selected from aromatic carbocyclic ring systems, five- or six-membered heteroaromatic ring systems and bicyclic heteroaromatic ring systems;
- R₁, R₂ and R₃ are independently selected from a group of substituents (a)-(d) consisting of:
 - (a) H;
 - 20 (b) C₁₋₆ straight or C₄₋₈ branched chain alkyl;
 - (c) C₃₋₈ cycloalkyl or C₅₋₈ cykloalkenyl; and
 - (d) C₂₋₆ alkenyl or alkynyl;
- wherein the substituents (b)-(d) optionally have at least one substituent independently selected from a group
- 25 (e)-(i) consisting of:
 - (e) Ar, O-Ar or S-Ar;
 - (f) OH, O-alkyl or S-alkyl, where alkyl is selected from the substituents (b)-(c);
 - (g) NR₄R₅, where R₄ and R₅ are independently selected from the substituents (a)-(d) or optionally together form a nitrogen containing ring structure comprising from 2 to 5 carbon atoms;
 - 30 (h) NH-C(O)-alkyl, C(O)-alkyl, O-C(O)-alkyl or S-

C(O)-alkyl, where alkyl is selected from the substituents (b)-(c); and

(i) F, Cl or Br;

R₆ is selected from a group consisting of Ar and the substituents (a)-(c), where (b) and (c) are optionally substituted with at least one of the substituents (e)-(i); Ar optionally has at least one substituent independently selected from the substituents (b)-(i); and tautomers, solvates and pharmaceutically acceptable salts of said compound.

10 2. A compound according to claim 1, wherein X is a radical -NR₁-.

3. A compound according to claim 2, wherein R₁ is H.

15 4. A compound according to any one of claims 1-3, wherein Y is O.

5. A compound according to any one of claims 1-4, wherein Ar is selected from phenyl and naphthyl.

20 6. A compound according to any one of claims 1-5, wherein Z is selected from -CH₂-, -(CH₂)₂-, -(CH₂)₃-, -(CH₂)₅-, -(CH₂)₆-, -(CH₂)₇- and trans-2-cyclohexylene.

7. A compound according to any one of claims 1-6, wherein R₆ is selected from isopropyl, cyclopentyl, cyclohexyl, phenyl, 4-n-butylphenyl, 4-isopropylphenyl and 2-naphthyl.

25 8. A compound according to any one of claims 1-7, wherein R₂ and R₃ are independently selected from H and 4-chlorobenzyl.

9. A compound according to any one of claims 1-8, wherein the compound is selected from a group consisting 30 of:

4-[3-phenyl-1-(6-phenylhexyl)ureido]butyramide;

4-[1-(4-butylbenzyl)-3-phenylureido]butyramide;

4-[1-(4-isopropylbenzyl)-3-phenylureido]butyramide;

4-[1-(4-methylpentyl)-3-phenylureido]butyramide;

35 N-(4-chlorobenzyl)-4-[1-(3-cyclohexylpropyl)-3-phenylureido]butyramide;

- trans*-2-[1-(3-cyclohexylpropyl)-3-phenylureido]cyclohexanecarboxamide;
- 4-[1-(3-cyclohexylpropyl)-3-naphthalen-2-yl-ureido]-butyramide;
- 5 4-[1-(2-naphthalen-2-yl-ethyl)-3-phenylureido]butyramide;
- 4-[1-(2-cyclohexylethyl)-3-phenylureido]butyramide;
- 4-(1-phenethyl-3-phenylureido)butyramide;
- 4-(1-benzyl-3-phenylureido)butyramide;
- 4-[1-(3-cyclopentylpropyl)-3-phenylureido]butyramide;
- 10 4-[3-phenyl-1-(5-phenylpentyl)ureido]butyramide; and
- 4-[1-(3-cyclohexylpropyl)-3-phenylureido]butyramide.
10. A compound according to claim 1, wherein X is a radical -CHR₁.
11. A compound according to claim 10, wherein said 15 radical -CHR₁- is selected from -CH₂- and (R)-CH(CH₃)-.
12. A compound according to any one of claims 10-11, wherein Y, Z, Ar, R₂, R₃ and R₆ are as defined in claims 4-8.
13. A compound according to any one of claims 10-12, 20 wherein the compound is selected from a group consisting of:
- (R)-4-[(3-cyclohexylpropyl)-(2-phenylpropionyl)amino]-butyramide;
- 4-[(3-cyclohexylpropyl)-(2-naphthalen-2-yl-acetyl)amino]-butyramide; and
- 25 8-[(3-cyclohexylpropyl)-(2-naphthalen-2-yl-acetyl)amino]-octanamide.
14. A compound according to any one of claims 1-13 for use as a pharmaceutical.
- 30 15. A pharmaceutical composition comprising a compound according to any one of claims 1-13 as active ingredient in association with a pharmaceutically acceptable adjuvant, diluent or carrier.
16. Use of a compound according to any one of claims 35 1-13 for the manufacture of a medicament for treatment of pain and disorders related thereto.

17. A method for treatment of pain and disorders related thereto, wherein said method comprises administering to an animal, including human, patient of a therapeutically effective amount of a compound according to any
5. one of claims 1-13.